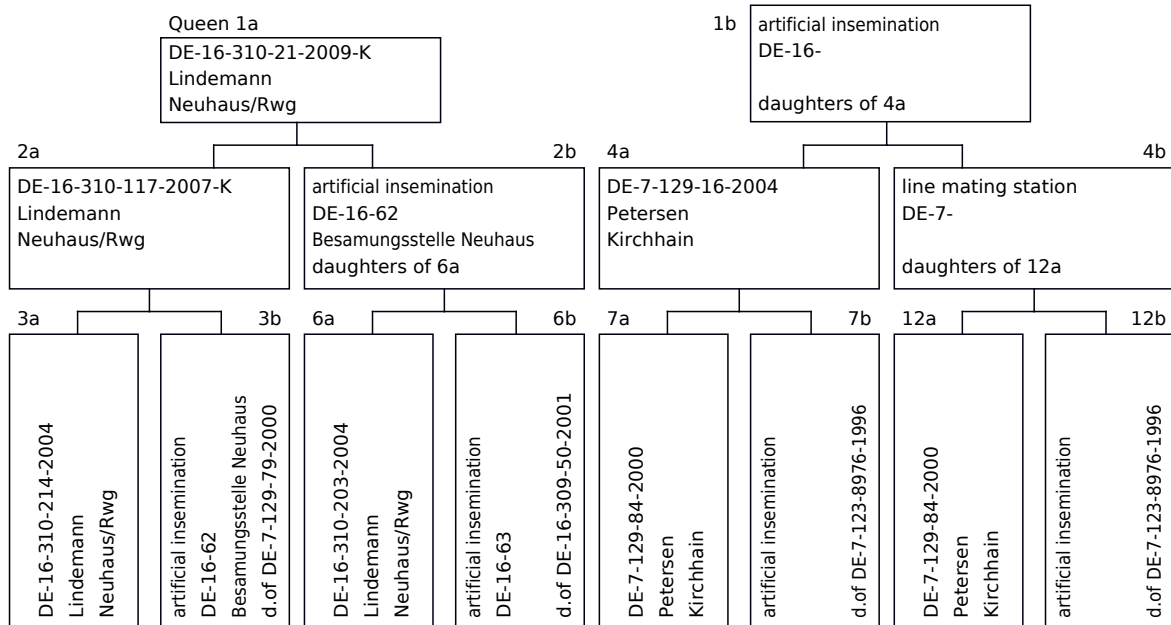


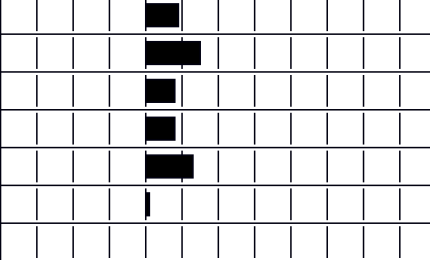
Tester of the queen: Lindemann, Uwe, 98724 Neuhaus/Rwg, DE-16-310, Apiary 1
 Breeder of the queen: Lindemann, Uwe, 98724 Neuhaus/Rwg, DE-16-310
1a Studbook number: **DE-16-310-21-2009-K**

Race line: Sign: green 26 Daughters of Queen: 4.5%
 Generation: Hatch date: 05.06.2009 Workers: 2.6%

A. Pedigree



B. Own performance

Performance test year	No. of the colony Volk 9			comparable colonies at the apiary		
	kg	%	Ranking	number	Yield average kg	
	42.2	168.8	1	8	25	
	Assessment*	Breeding values			Reliability	
Total breeding value¹	-	109				
Honey yield	-	115				0.41
Defensive behavior	3.50	108				0.59
Steadiness on comb	3.50	108				0.62
Swarming drive	4	113				0.39
Varroa	-	(101)				0.24
Performance index	-	0				
Robustness in winter			70%	100%	170%	
Development in Spring						
Colony strength						

¹In accordance with the resolution of the breeder convention of 9th April 2011, for the total breeding value, Varroa tolerance is weighted by 40% and honey yield, gentleness, calmness during inspection, and swarming tendency are each weighted by 15%.

C. Performance of the sisters

See page 2

D. Body features, see appendix

none Analysis of race characteristics

E. Results

Class A

Suitable for breeding with no restrictions; suitable for use as a 4a colony at frequently visited mating stations (all customary breeding values over 100).

Breeding selection report DE-16-310-21-2009-K

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Performance of the sisters

Amount of checked sisters: 13

Studbook number	Tester of the queen	Apiary	Total breeding value	Yield kg	Breeding Value Honey	Defensive behavior	Breeding Value Defensive	Calmness during inspection	Breeding Value Calmness	Swarming drive	Breeding Value Swarming	Varroa-index	Performance ndex
DE-7-129-10-2009	DE-7-129	2	94		99		Behavior		ding		drive	(93)	
DE-7-129-11-2009	DE-7-129	2	90		94		90		inspection		93	(94)	
DE-16-310-21-2009-K	DE-16-310	1	109	42.2	115	3.5	108	3.5	108	4	113	(101)	
DE-16-310-23-2009	DE-16-310	1	98	13.7	94	3.5	99	3.1	98	4	104	(97)	
DE-16-310-24-2009	DE-16-310	1	97	19.1	97	3.4	100	3.3	100	3.5	95	(97)	
DE-16-310-25-2009	DE-16-310	1	87	12.3	91	2.8	87	3.2	87	4	97	(90)	
DE-16-310-29-2009	DE-16-318	1	85		78		88		87		89	93	
DE-16-310-32-2009	DE-16-318	1	90		84		93		91		103	92	
DE-16-310-34-2009	DE-16-325	9	75		74		92		93		102	66	
DE-16-310-27-2009	DE-16-335	13	83		71		95		95		112	77	
DE-16-310-30-2009	DE-16-337	11	83		74		90		89		83	91	
DE-16-310-33-2009	DE-16-337	11	86		63		102		101		102	85	
DE-16-310-35-2009	DE-16-342	6	91		86		90		89		99	95	